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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/791,249
Filing Date	3/2/2004
First Named Inventor	Michael Fiske
Art. Unit	
Examiner Name	
Attorney, Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BB		US-20040128004	07-01-2004	Paul Adams	Description
		US-6,754,645	06-22-2004	Bingxue Shi	Description
		US-6,751,601	06-15-2004	Pablo Zegers	Description
		US-6,332,137	12-18-2001	Toshihazu Hori	Description
		US-6,049,793	04-11-2000	Kenichi Tomita	Description
		US-5,619,618	04-08-1997	Joseph Bigus	Description
		US-5,524,176	06-04-1996	Kazunari Marita	Description
		US-5,524,175	06-04-1996	Yuji Sato	Description
		US-5,422,983	06-06-1995	Patrick Castelaz	Description
		US-5,369,731	11-29-1994	Daiki Masumoto	Description
		US-5,325,464	06-28-1994	Gerald Pechanek	Description
		US-5,155,802	10-13-1992	Paul Mueller	Description
		US-4,962,342	10-9-1990	Carver Mead	Description
		US-4,660,166	4-21-1987	John Hopfield	Description
BB		US-3,950,733	4-13-1976	Leon Cooper	Description
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/Benjamin Buss/	Date Considered	12/04/2006
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Sheet 1 of 1

PTO/SB/08a (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete If Known

Application Number	10/791,299
Filing Date	March 2, 2004
First Named Inventor	Michael Fiske
Art Unit	
Examiner Name	

Attorney Docket Number

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BB		US-20040128004	07-01-2004	Paul Adams	Description
		US-6,1754,645	06-22-2001	Bing Xue Shi	Description
		US-6,1751,601	06-15-2001	Pablo Zegers	Description
		US-6,1332,137	12-18-2001	Toshi Kazu Hori	Description
		US-6,049,793	04-11-2000	Keiichi Tomita	Description
		US-5,619,618	04-08-1997	Joseph Biggs	Description
		US-5,524,176	06-04-1996	Kazuharu Nanta	Description
		US-5,524,175	06-04-1996	Yoshi Sato	Description
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		US-5,325,464	06-28-1994	Gerald Pechunek	Description
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		US-4,962,342	10-9-1990	Carver Mead	Description
		US-4,660,166	4-21-1987	John Hopfield	Description
		US-3,950,733	4-13-1976	Leon Cooper	Description
BB					
		US-			
		US-			

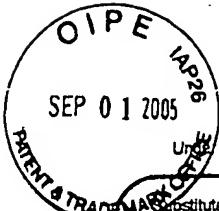
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	/Benjamin Buss/	Date Considered	12/04/2006
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				Application Number	10/791,249
				Filing Date	March 2, 2004
				First Named Inventor	Michael Fiske
				Art Unit	
				Examiner Name	
Sheet		of		Attorney Docket Number	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BB		G. E. P. BOX, Evolutionary operation: A method for increasing industrial production	
		Applied Statistics, 1957, pages 81-101 Volume 6, No. 2, Royal Statistical Society, England	
		H. J. BREMERMAN, Optimization Through Evolution AND Recombination, Self-Organizing Systems, 1962, pages 93-106, Spartan Books, Washington, D.C.	
		CARVER MEAD, Analog VLSI and Neural Systems, 1989, pages 36-39, 67-81, 208-209, 260-263, Addison-Wesley, United States	
		WILFRID RALL, Theoretical Significance of Dendritic Trees for Neuronal Input-Output Relations, The Theoretical Foundation of Dendritic Function, 1964, pages 122-145, MIT Press	
↓		ALAN TURING, On Computable Numbers with an Application to the Entscheidungsproblem	
BB		1936, Proceedings London Mathematical Society, pages 230-265, vol. 42, pages 34-59, vol. 43, England	

Examiner Signature:	/Benjamin Buss/	Date Considered	12/04/2006
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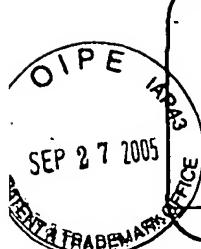
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Sheet

of

Complete If Known	
Application Number	10/791,249
Filing Date	March 2, 2004
First Named Inventor	Michael Fiske
Art Unit	
Examiner Name	
Attorney Docket Number	11-2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BB		George J. Friedman. DIGITAL SIMULATION OF AN EVOLUTIONARY PROCESS. 1959.	
		pages 171-184. Volume 4 of General Systems Yearbook	
↓		W. W. Bledsoe. The use of biological concepts in the analytical study of systems. 1961. ORSA-TIMS National Meeting. San Francisco. Pages	
BB		1-25	

Examiner Signature	/Benjamin Buss/	Date Considered	12/04/2006
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